

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000460

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G06F 1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 the entire class

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR, JP : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y1	US 2002/0042039 A1 (Kim et al.) 11 APRIL 2002 see the whole document	1 - 2
Y2	JP 10 - 51703 A (SANYO ELECTRIC CO LTD) 20 FEBRUARY 1998 see the whole document	1 - 2

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 JUNE 2005 (28.06.2005)

Date of mailing of the international search report

28 JUNE 2005 (28.06.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Young Su

Telephone No. 82-42-481-8176



INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000460

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US20020042039A1	11.04.2002	US2002042039AA	11.04.2002
JP10051703	20.02.1998	EP00822711A2 EP01296517A2 EP01296517A3 EP0822711A2 EP1271940A1 EP1296517A2 EP1296517A3 EP1296517A2 EP822711A2 EP822711A3 JP10051703A2 JP10051703 KR1019980018319 KR25352081 US06367080 US6367080B1	04.02.1998 26.03.2003 02.04.2003 04.02.1998 02.01.2003 26.03.2003 02.04.2003 26.03.2003 04.02.1998 01.07.1998 20.02.1998 20.02.1998 05.06.1998 15.04.2000 02.04.2002 02.04.2002